

ABSTRACT OF THE DISCLOSURE

The present invention provides an artificial chaperon useful for refolding the proteins having low voluntary folding ability and being difficult or unable to be a native form without a second (or assistant) of a molecular chaperon in a short time, and folding said proteins as an active form. The present invention relates to an artificial chaperon kit characterized in that the kit comprises cyclic saccharide cycloamylose and polyoxyethylenic detergent or cyclic saccharide cycloamylose and ionic detergent. The present invention also relates to a method for diluting the denaturant making the protein a denatured state by adding a specific detergent to a denatured protein, and preventing protein molecules from aggregation, thereafter adding cyclic saccharide cycloamylose, utilizing the inclusion ability thereof to strip detergent, accelerating the proper folding of protein into a correct higher-order structure with activity.

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